

Title (en)
Exhaust gas recirculation system

Title (de)
Abgasrückführungssystem

Title (fr)
Système de recyclage des gaz d'échappement

Publication
EP 1672208 A3 20110622 (DE)

Application
EP 05112094 A 20051214

Priority
DE 102004061028 A 20041218

Abstract (en)
[origin: EP1672208A2] The EGR system includes an air intake (10) connected by a low pressure supply line (12) to a turbocharger compressor (14) that is connected by a high pressure supply line (18) to the e.g. four cylinder diesel engine (20). A low pressure exhaust gas line (26) leads from a turbine (24) of the turbocharger to an exhaust outlet (30). The low pressure exhaust gas line and the low pressure supply line (12) are connected with a low pressure recirculation line (32). The recirculation line includes an electrically driven low pressure pump (34), which is volume adjusted in such a manner that a defined volume of exhaust gas is conveyed from the low pressure exhaust gas line to the low pressure supply line.

IPC 8 full level
F02M 25/07 (2006.01)

CPC (source: EP)
F02M 26/05 (2016.02); **F02M 26/06** (2016.02); **F02M 26/34** (2016.02); **F02B 29/0406** (2013.01); **F02M 26/15** (2016.02); **F02M 26/23** (2016.02)

Citation (search report)

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- [X] FR 2840648 A1 20031212 - INST FRANCAIS DU PETROLE [FR]
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- [A] WO 9915773 A1 19990401 - TURBODYNE SYS INC [US]
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Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
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